

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-084-23
DYKES QUADRANGLE
63 KENTUCKY
N3700-W8415/15
DIAGRAM NJ 16-9
WINCHESTER

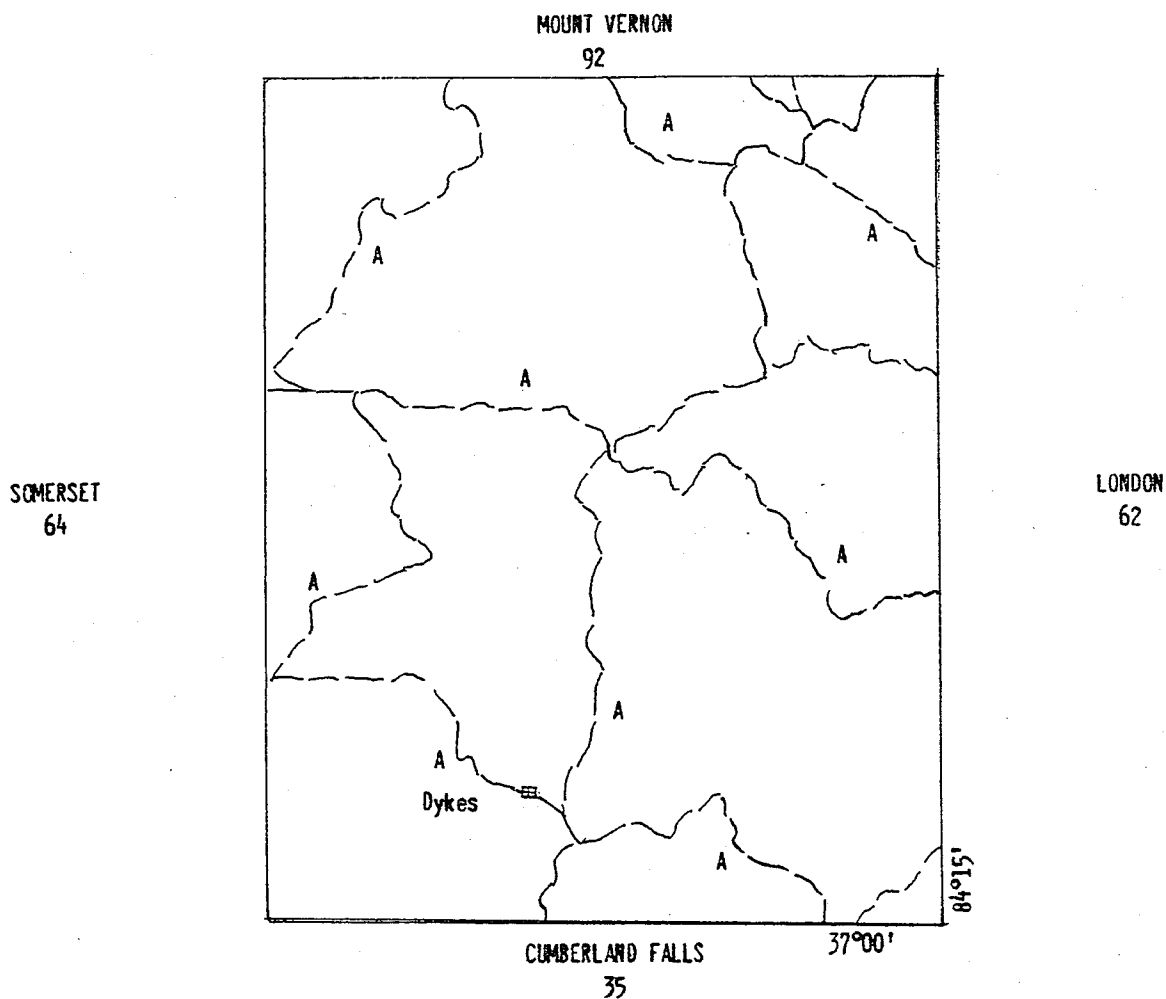
Laurel, Pulaski and
Rockcastle Counties

Final adjustment of 1954

Edition of 4/3/74

PR: WSM/mjh

Only the permanent
marks are listed
for lines run
more than 25 years
before edition date.



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370842

63 KENTUCKY
DYKES QUADRANGLE

37-084-23
N3700-W8415/15

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

TT STA NO 40 T 1928
TT STA NO 43 T 1928
TT STA NO 44 T 1928

3
3
3

ISOLATED BENCH MARKS (By C. E. Walker, 1929; Book B 3261)

Feet

Silver Star School, in NE. corner of front yard; 38 ft E. and 30 ft N. of NE. corner of school building; in concrete post; standard tablet stamped "TT STA NO 40 T 1928"

1055.637

Reference mark; 60 ft E. and directly in front of Silver Star School; 15 ft W. of rd.; in root on N. side of 10-in. oak tree; copper nail and washer

1054.83

Drum, 0.2 mi SE. of; 28 ft S. and 17.5 ft E. of SW. corner of Piney Grove Church; in SW. corner of front yard; 32 ft E. of center of rd.; in concrete post; standard tablet stamped "TT STA NO 43 T 1928"

1041.163

Reference mark; at entrance to Piney Grove Church; on SW corner of lower stone step; chiseled square

1042.02

Colo, 10 ft W. and 46 ft N. of rd. forks; in SW. corner of front yard of George Meece's residence; in concrete post; standard tablet stamped "TT STA NO 44 T 1928"

1099.738

Reference mark; 80 ft W. of store at Colo; on S. side of rd.; in root on N. side of 6-in. hickory tree; copper nail and washer

1105.46

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-084-23
DYKES QUADRANGLE
63 KENTUCKY
N3700-W8415/15
DIAGRAM NJ 16-9
WINCHESTER

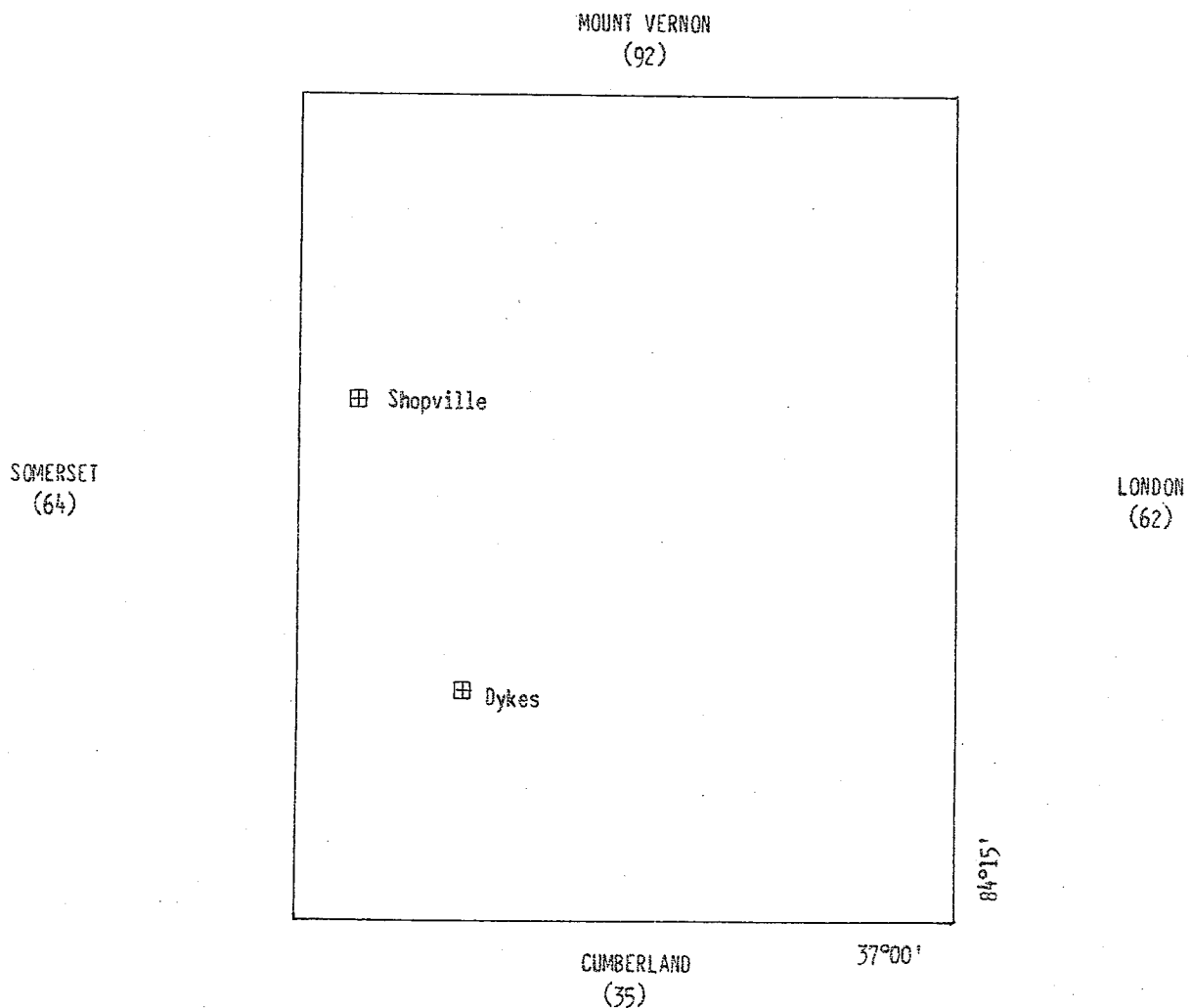
Laurel, Pulaski, and Rockcastle Counties

Edition of 10/1/76

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

63 KENTUCKY
DYKES QUADRANGLE

37-084-23
N3700-W8415/15

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

TT STA NO 40 T 1928
TT STA NO 43 T 1928 1041.103
TT STA NO 44 T 1928
TT 30 BT 1951
TT 31 BT 1951
TT 32 BT 1951
TT 33 BT 1951
TT 28 DWP 1951

3
3
3
3
3
3
4
3

NGS

F 51 1935
J 179 1950
K 179 1950
L 179 1950
B 180 1950
J 196 1950
K 197 1950
L 197 1950

4
4
4
4
4
5
5
5

63 KENTUCKY
DYKES QUADRANGLE

37-084-23
3

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. A. Turner, 1928; Book C8180

Silver Star; in NE. corner of frontyard of school; 30 ft N. and 38 ft E. of NE. corner of school building; in top of concrete post; standard tablet stamped "TT STA NO 40 T 1928"

X = 2,367,610

Y = 328,813

37 13 47.01

84 29 14.35

Drum, 0.2 mi SE. of; 28 ft S. and 18 ft E. of SW. corner of Piney Grove Church; in SW. corner of frontyard; 32 ft E. of centerline of rd.; in top of concrete post; standard tablet stamped "TT STA NO 43 T 1928 1041.103"

X = 2,368,350

Y = 281,744

37 13 47.01

84 29 14.35

Colo; 46 ft N. and 10 ft W. of rd. forks; in SW. corner of frontyard of residence of George Meece; in top of concrete post; standard tablet stamped "TT STA NO 44 T 1928"

X = 2,369,219

Y = 267,714

37 06 01.55

84 29 12.98

By D. W. Pinkston, 1951; Book AH 224

London, 7.5 mi W. of, along State Highway 80, thence 4.8 mi NE. along county rd. to Old Bob Bussel Farm; 140 ft SE. of Bob Bussel Farm; 50 ft N. of Laurel Branch; 2 ft S. and 3 ft E. of SE. corner of small building; in concrete post; standard tablet stamped "TT 28 DWP 1951"

X = 2,435,997

Y = 321,881

37 03 42.71

84 29 04.57

By M. L. Bennett, 1951; Book MS 30346 (IVA)

Woodstock, 0.5 mi S. of, thence 1.7 mi E.; at NE. corner of garden of H. B. Van Hook; 75 ft SE. of SE. corner of white house; 15 ft W. of, and 3 ft higher than centerline of graveled rd.; 6 ft SW. of fence corner; in concrete post; standard tablet stamped "TT 30 BT 1951"

X = 2,365,440

Y = 334,167

37 12 28.52

84 15 10.28

Ocala, 2.5 mi S. of; 130 ft NE. of I-rd. W.; 25 ft E. of 4-in. pine tree across rd.; 12 ft S. of cedar post; 2 ft W. of N.-S. fenceline; in concrete post; standard tablet stamped "TT 31 BT 1951"

X = 2,367,992

Y = 327,672

37 14 40.24

84 29 40.29

Ocala, 4.0 mi S. of; 1.7 mi S. of Silver Star School; on property of Henry Poynter; 135 ft SE. of 36-in. oak tree; 15 ft NE. of, and 3 ft higher than centerline of graveled rd.; 6 ft SE. of fencepost; in concrete post; standard tablet stamped "TT 32 BT 1951"

X = 2,371,326

Y = 321,685

37 13 35.69

84 29 09.82

37 12 36.05

84 28 29.60

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Shopville, 0.25 mi E. of school, along State Highway 80, thence 1.4 mi NE. along graveled rd., thence 0.6 mi NW. along graveled rd., thence 2.0 mi N. along State Highway 461; 15 ft NW. of, and about level with centerline of of hwy.; in top of NW. end of SW. concrete abutment of 210-ft concrete bridge over Buck Creek; NGS standard disk stamped "J 179 1950"

X = 2,374,269

Y = 321,923

37 12 38.00

84 27 53.18

Shopville, 0.2 mi E. of school, along State Highway 80, thence 1.4 mi NE. along graveled rd., thence 0.6 mi NW. along graveled rd., thence 0.8 mi N. along State Highway 461; 0.4 mi N. of Carters Store at Valley Oak; 1.2 mi S. of bridge over Buck Creek; 76 ft S. of fence corner; 70 ft E. of, and across hwy. from power pole; 30 ft SW. of edge of small stock pond; at NW. corner of pasture; 28 ft E. of, and 1 ft lower than centerline of hwy.; at N. end of shallow cut; 2 ft W. of fenceline; in concrete post projecting 4 in.; NGS standard disk stamped "K 179 1950"

X = 2,373,236

Y = 316,052

37 11 40.11

84 28 06.92

Shopville, 0.2 mi E. of school, along State Highway 80, thence 1.4 mi NE. along graveled rd., thence 0.4 mi NW. along graveled rd.; at Flat Lick Baptist Church; 0.2 mi SE. of junction of State Highway 461; on outside of curve in rd. with tangents extending W. and S.; 100 ft NE. of, and across rd. from NE. corner of church; 45 ft NE. of, and 3 ft higher than centerline of rd.; 50 ft N. of 48-in. oak tree; 40 ft NW. of SW. corner of farmhouse; 2 ft S. of fenceline; in concrete post projecting 4 in.; NGS standard disk stamped "L 179 1950"

X = 2,372,526

Y = 311,945

37 10 59.58

84 38 16.38

Shopville, 0.2 mi E. of school, along State Highway 80, thence 1.0 mi NE. along graveled rd.; 0.5 mi SW. of junction of graveled rd. NW.; at driveway SE. to farmhouse; 86 ft E. of and across rd. from E. corner of white frame house; 21 ft SE. of, and 1 ft higher than centerline of rd.; 10 ft SW. of centerline of drive SE.; 8 ft S. of SW. end of 12-in. pipe culvert under drive; 4 ft SW. of fence corner; in concrete post projecting 1 in.; NGS standard disk stamped "B 180 1950"

X = 2,371,424

Y = 307,134

37 10 12.16

84 28 30.79

Shopville, 0.2 mi E. of school, along State Highway 80; at crossroads; 107 ft SW. of, and across intersection from SW. corner of Fellowship Methodist Church; 30 ft W. of center of crossroads; 15 ft S. of, and level with centerline of hwy.; in top of S. end of E. abutment of concrete bridge over Flat Lick Creek; NGS standard disk stamped "F 51 1935"

X = 2,370,107

Y = 302,863

37 09 30.12

84 28 47.77

Shopville, 2.7 mi SW. of, along graveled rd., thence 0.4 mi along field rd. to gate; on property of J. E. Lovell; 75 ft W. of 30-in. oak tree in pasture; 10 ft E. of centerline of rd. and gate; 5 ft SE. of gate post; in concrete post; standard tablet stamped "II 33 BT 1951"

X = 2,367,261

Y = 296,026

37 08 22.90

84 29 24.06

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Drum; 300 ft S. of post office; 0.2 mi NW. of junction of dirt rd. S.; 0.2 mi SE. of Piney Grove Church; 59 ft E. of, and 9 ft higher than centerline of rd.; 96 ft SW. of SW. corner of barn; 35 ft S. of E.-W. fenceline; in top of outcropping of rock in small ravine; NGS standard disk stamped "L 197 1950"

X = 2,369,078

Y = 280,918

37 05 53.29

84 29 04.13

Somerset, 1.5 mi E. of courthouse, along State Highway 80, thence 6.5 mi SE. along State Highway 192, thence 1.0 mi along graded rd.; 0.2 mi N. of junction of rd. E.; at junction of dim rd. N.; 32 ft NW. of, and level with centerline of rd.; 94 ft E. of centerline of rd. N.; 163 ft N. of center of junction; 10 ft SW. of large apple tree; 18 ft SW. of well; 49 ft E. of pear tree; in concrete post projecting 4 in.; NGS standard disk stamped "K 197 1950" (Not found, 1977) (Not found, 1978)

X = 2,370,464

Y = 276,219

37 05 06.64

84 28 47.81

Mt. Victory, 7.7 mi NW. of post office and school, along State Highway 192; at junction of rd. N.; on outside of sharp curve in hwy. with tangents extending S. and SW.; 48 ft N. of, and 4 ft higher than centerline of hwy.; 26 ft SW. of centerline of side rd.; 84 ft NW. of center of rd. junction; 91 ft S. of SE. corner of farmhouse; in top of flat outcrop of rock; NGS standard disk stamped "J 196 1950" (Not found, 1977) (Not found, 1978)

X = 2,371,122

Y = 272,114

37 04 25.97

84 28 40.37